

## REPLACEMENT SHEET

htir1	1	hllctparvgtiojliscwafachspes	shdrtfegdvhtagfepi	hscclovrrhr	ffatvtdrscsfrhfhgghf	qawrlqweeeannstallpntfhlqcfm	dvcsd	sanyvaytrvfl	119						
rtir1	1	mlfwahilisiot--vycwafscortes	spqsfprgfhlagfsl	hgdclovrrhr	flvtsodrdpsfhgghf	qawrlqweeeannstallpntfhlqcfm	dvcsd	sanyvaytrvfl	118						
htir2	1	gcpakticstiff	flmvlaf--ae	nsdmpeyllegfsl	hankgvlhnlqvrck	eyevkvlgimlqawrfaveeeennsslpvllgveimdvoyt	snnqcpmiffl	115							
rtir2	1	gcpartclisi	flhvlpragfve	nsdhfagdvhlhgffl	hankvshslsylvqrkon	eftmkvlgimlqawrfaveeeennsslpvllgveimdvoyt	snnthgimfl	118							
htir3	1	mlgavmfgisllwllhpgtcaflouis	oolrmkedvmggfepf	gceafagfstrpsbvot	rfssngllawatamkwa	veeeennsslpvllgveimdvoyt	ptvampspimfl	117							
rtir3	1	mpglaligislaarelgwsslois	oqekacqdpvllgsefpgtthetlnofpngliot	rhshqlflamkwa	veeeennsslpvllgveimdvoyt	ptvampspimfl	117								
mg1ur1	1	myrllliffmiflmsllprmpdrkvllagassorvarmldvliglesvhoqevkpe	-----rkcg	-----firedqigovr	fhahhtldk	lmdpvlhlpntfcsirp	sgwssvalpqsiffl	123							
htir1	120	slfj	qnhfiejgdlhsh	tlvavtgdpslnraatf	antfshfivm	tsvvassetlsvkro	pfsefurl	lrdkvyovf	tmvlltqkfghtwslvgssdvlqolqorlenqatgo	236					
rtir1	119	flqg	phrlftoklrrhss	kvavtigrpndthantf	hghfelmvssv	lsakrpfsefurlvpsdrhovm	mlqlcsfgm	vwslcsygd	qolqorlenqatgo	235					
htir2	116	rhf	fmilhfcdysm	is	flvavtgdpslnraatf	antfshfivm	tsvvassetlsvkro	pfsefurl	lrdkvyovf	tmvlltqkfghtwslvgssdvlqolqorlenqatgo	231				
rtir2	119	ad	fmilhfcdysm	is	flvavtgdpslnraatf	antfshfivm	tsvvassetlsvkro	pfsefurl	lrdkvyovf	tmvlltqkfghtwslvgssdvlqolqorlenqatgo	231				
htir3	118	akg	slvjaaycn	flvavtgdpslnraatf	antfshfivm	tsvvassetlsvkro	pfsefurl	lrdkvyovf	tmvlltqkfghtwslvgssdvlqolqorlenqatgo	234					
rtir3	118	akg	slvjaaycn	flvavtgdpslnraatf	antfshfivm	tsvvassetlsvkro	pfsefurl	lrdkvyovf	tmvlltqkfghtwslvgssdvlqolqorlenqatgo	234					
mg1ur1	124	rdslsirdekqgnrclpdgotlhbgrtkp	flvavtgdpslnraatf	antfshfivm	tsvvassetlsvkro	pfsefurl	lrdkvyovf	tmvlltqkfghtwslvgssdvlqolqorlenqatgo	234						
htir1	237	lctahmifpsovg	der	qclhghlao	agtlvavtgdpslnraatf	antfshfivm	tsvvassetlsvkro	pfsefurl	lrdkvyovf	tmvlltqkfghtwslvgssdvlqolqorlenqatgo	354				
rtir1	236	lctahmifpsovg	der	qclhghlao	agtlvavtgdpslnraatf	antfshfivm	tsvvassetlsvkro	pfsefurl	lrdkvyovf	tmvlltqkfghtwslvgssdvlqolqorlenqatgo	354				
htir2	232	lctahmifpsovg	der	qclhghlao	agtlvavtgdpslnraatf	antfshfivm	tsvvassetlsvkro	pfsefurl	lrdkvyovf	tmvlltqkfghtwslvgssdvlqolqorlenqatgo	353				
rtir2	236	lctahmifpsovg	der	qclhghlao	agtlvavtgdpslnraatf	antfshfivm	tsvvassetlsvkro	pfsefurl	lrdkvyovf	tmvlltqkfghtwslvgssdvlqolqorlenqatgo	355				
htir3	235	lctahmifpsovg	der	qclhghlao	agtlvavtgdpslnraatf	antfshfivm	tsvvassetlsvkro	pfsefurl	lrdkvyovf	tmvlltqkfghtwslvgssdvlqolqorlenqatgo	355				
rtir3	235	lctahmifpsovg	der	qclhghlao	agtlvavtgdpslnraatf	antfshfivm	tsvvassetlsvkro	pfsefurl	lrdkvyovf	tmvlltqkfghtwslvgssdvlqolqorlenqatgo	355				
mg1ur1	253	lctahmifpsovg	der	qclhghlao	agtlvavtgdpslnraatf	antfshfivm	tsvvassetlsvkro	pfsefurl	lrdkvyovf	tmvlltqkfghtwslvgssdvlqolqorlenqatgo	373				
htir1	355	g	swgssnqiofcoqafmahmpkifkafs	-----mssanvavavavahghl	lctgca	-----sgafsr	grvypnolied	lcthghl	lthkdt	varndv	plssntiml	ghkw	tlvtvl	466	
rtir1	354	g	swgssnqiofcoqafmahmpkifkafs	-----mssanvavavavahghl	lctgca	-----sgafsr	grvypnolied	lcthghl	lthkdt	varndv	plssntiml	ghkw	tlvtvl	466	
htir2	356	s	ytg	vecdnqnatfsew	lctgca	-----sgafsr	grvypnolied	lcthghl	lthkdt	varndv	plssntiml	ghkw	tlvtvl	466	
rtir2	360	r	ttg	vecdnqnatfsew	lctgca	-----sgafsr	grvypnolied	lcthghl	lthkdt	varndv	plssntiml	ghkw	tlvtvl	466	
htir3	356	ereogleedvgr	qpcodctlnv	svagin	-----hghfsvavavavahghl	lctgca	-----sgafsr	grvypnolied	lcthghl	lthkdt	varndv	plssntiml	ghkw	tlvtvl	466
rtir3	355	aeldeervm	grpsodytm	lssgimonsagolhho	lctgca	-----sgafsr	grvypnolied	lcthghl	lthkdt	varndv	plssntiml	ghkw	tlvtvl	466	
mg1ur1	374	hr	-----fcdrlpghl	hghfsvavavavahghl	lctgca	-----sgafsr	grvypnolied	lcthghl	lthkdt	varndv	plssntiml	ghkw	tlvtvl	466	

TO FIG. 1B

FIG. 1A

# REPLACEMENT SHEET

FROM FIG. 1A

htIR1	467	GSSTWSPQININETKIQWIKKINOVTKSSSICIGHQH-VWIGELACCEFCVPCQAGHTEN-KSLYLICOPCKKEVAPESCTGCEPTWIFELHHTSNVHANTILHLLHIGTAGHAAHLDI	594
rtIR1	466	GSASIPVHIJNKKIKLQWCHANNOPVSVOTTIGAEHH-VVVGSHCCCEGVFOBAGHTEN-MSELHICOPCGTEVAKESTTCCEPTWIFELAMHETLSVITPAANTILHLLHIGTAGHAAHHEH	593
htIR2	466	ASYPLOFOIKN-IQDLSWHTVNNVTTHSPVCSKRCQSGKK-KKVVITVCCGRQIDDLGFEFENHFDHYECQAPNNEWYQSSTISCHKROLVFEIWHHAFTIYAVATIAACGUSTEAIIIVLHWHFFQI	593
rtIR2	470	ASYSPTSRLTY-INNVSVHTNNITVPVSHCSKSCQFGKK-KSVQTHCCGERQIDDMGFEYENRSDERHNSQPSMWSYKNDITCQRRPTFIEWHHVHTIYAVATIAACGFFSTIAIIIVLHWHFFQI	597
htIR3	472	GFEN-GSLRTER--IKJHHTSINQVPSHSCRCQCGQVH-FVAGHSCQYICVDGAGQVRO-NHIDIACTICQDIEHSPHSTICGRRRSRELANDEHAILLHLLHLSIAQIVLVAIGLEVHHRIS	596
rtIR3	479	GTFN-GTIOLOH--SMVHGG--NOVPVSCRCQCKGGVH-FVAGEHSCQYICVDQVAGSRRK-HHIDFQICQCKDQSPHSTICGRRRPRRELANDEHAILLHLLHLSIAQIVLVAIGLEVHHRIS	601
mGlur1	498	GTWH--EGVUNJDDYKIQMKN--SGMVRSVCSGEHGIKGQUNVIRKGEVSCGMWCTAQKENEHVO--DEFHQRAQDGLGWPNAELICQHEIHVRIEENSDIESIATAFESQGLIIVLFEVTLFEVLRDI	620
htIR1	595	PWRSAGGELCFEMIGSIAAGSGLYQHFDEPTRPCHROAIFAIQFTHISQTVRSQLLITPKFSIVAFTHAHAVONHCGGLEFM-ISSAACHITCQHNEVWVTHIFA-REYORFHHIMHIECTE	722
rtIR1	594	PWRSAGGELCFEMIGSIAAGSGLYQHFDEPTRPCHROAIFAIQFTHISQTVRSQLLITPKFSIVAFTHAHAVONHCGGLEFM-ISSAACHITCQHNEVWVTHIFA-REYORFHHIMHIECTE	721
htIR2	594	PWRSAGGELCFEMIGSIAAGSGLYQHFDEPTRPCHROAIFAIQFTHISQTVRSQLLITPKFSIVAFTHAHAVONHCGGLEFM-ISSAACHITCQHNEVWVTHIFA-REYORFHHIMHIECTE	722
rtIR2	598	PWRSAGGELCFEMIGSIAAGSGLYQHFDEPTRPCHROAIFAIQFTHISQTVRSQLLITPKFSIVAFTHAHAVONHCGGLEFM-ISSAACHITCQHNEVWVTHIFA-REYORFHHIMHIECTE	726
htIR3	597	HTVQSSGCHACRQVQICVQISVLLHQCISPARCICQCPISHPITCOLSTHLEQAAHIFVESELPLSWADRIISCCIRGCPHNVVL-LAMIVEVALICTYIYAVAPHEV-TDNHMIHIALVHCRT	724
rtIR3	602	HTVQSSGCHACRQVQICVQISVLLHQCISPARCICQCPISHPITCOLSTHLEQAAHIFVESELPLSWADRIISCCIRGCPHNVVL-LAMIVEVALICTYIYAVAPHEV-TDNHMIHIALVHCRT	729
mGlur1	621	PVWSSSRRLDYIILHAGLEHGVCPETLJANEITTSQTLGFTLIVGLISSAVQNSHIVKTNHFAHTIAGSMKICTRKPRPWSAMQVLIASILISVQITAVVLIIMEPHMI-LSEHSIK-EVMIQNT	748
htIR1	723	TSISGHTLRFELNGUISISAFACSYIGKQDENVNEARQVTFESILENFISWTFHRTTASVUGQKIDUPANWNAQISSISSGFCGVEIIPKGVHICHPHLENSTHFOASQDITFRCGST	841
rtIR1	722	VNSGGLLEFTHJHISLSITVCSYIGKKEHLENVNEARQVTFESILENFISWTFHRTTASVUGQKIDUPANWNAQISSISSGFCGVEIIPKGVHICHPHLENSTHFOASQDITFRCGST	840
htIR2	723	NYRNSHFWTSLDIHSVVGSHAWGKEHTNYNEARHETSNTRYETSSVSLQTSNSAGVIVTIDVUIVTVINLITATISIGVHCPCGMIEIFVPERNTPAVNSMIOGVTMRD	839
rtIR2	727	NYRNGHJFNTSMOLESVIGSHAWGKEHTNYNEARHETSNTRYETSSVSLQTSNSAGVIVTIDVUIVTVINLITATISIGVHCPCGMIEIFVPERNTPAVNSMIOGVTMRD	843
htIR3	725	RSWISGCHHATATIAHICIGCTFIVRSQGRVNRCDITAMIAVFTINWSVEILLANQVUPAPVQCHILICVIGHIAAFHIFRCGLLMRQCHQNTHEHLLGGGIGDAQGQNDGN-TGNQCKHE	852
rtIR3	730	RSWISGCHHATATIAHICIGCTFIVRSQGRVNRCDITAMIAVFTINWSVEILLANQVUPAPVQCHILICVIGHIAAFHIFRCGLLMRQCHQNTHEHLLGGGIGDAQGQNDGN-TGNQCKHE	858
mGlur1	749	SN-LQVAPVGVNGHILINSQTYAHTNRNVHANRNEARQVDAHNTYTQILIMJAEVHIFGNS--KULITCCHAVSISVTVAGCMTFRANYITAKPERI-----	845

FIG. 1B

REPLACEMENT SHEET

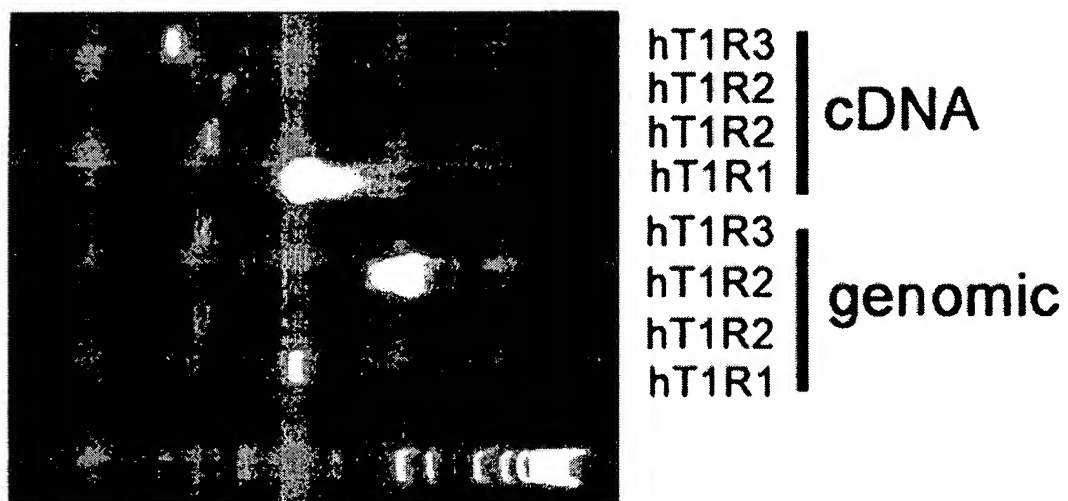


FIG. 2

REPLACEMENT SHEET

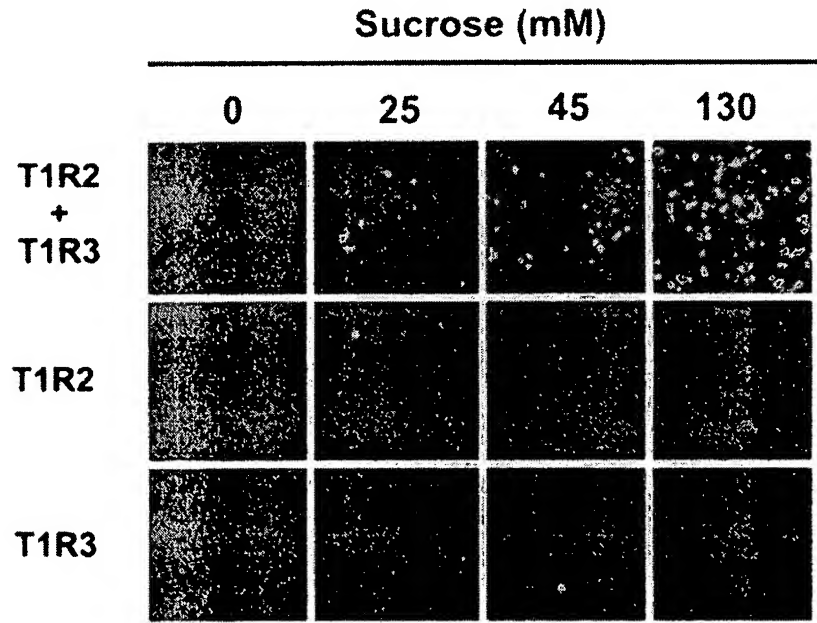


FIG. 3A

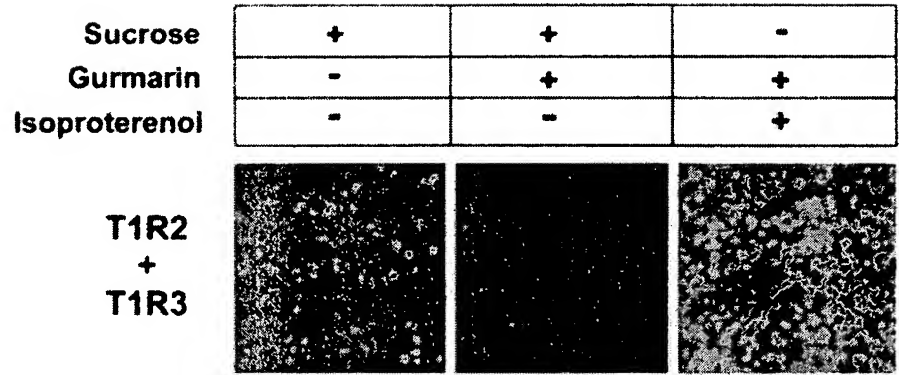


FIG. 3B

REPLACEMENT SHEET

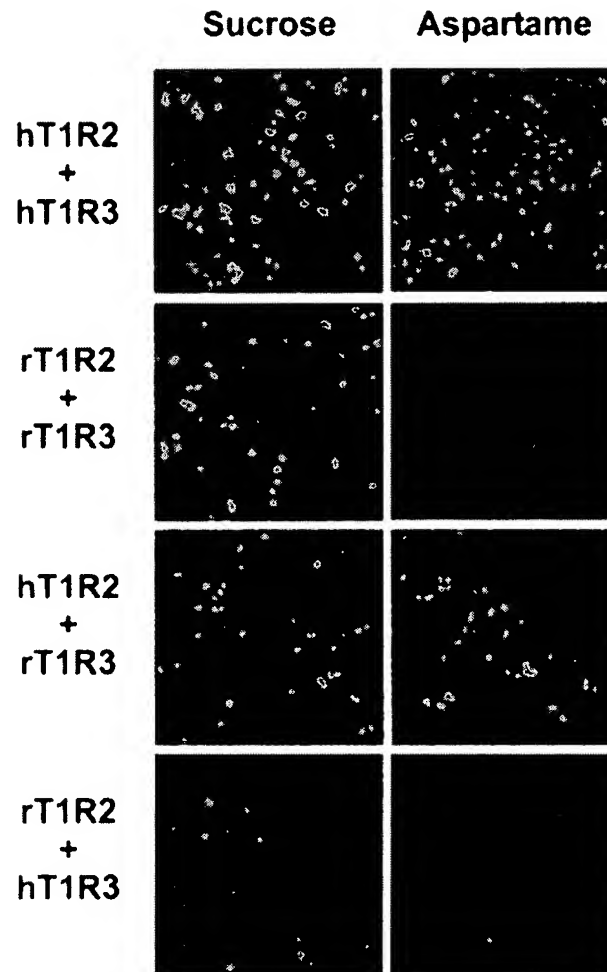


FIG. 4

REPLACEMENT SHEET

NORMALIZED DOSE-RESPONSE CURVE

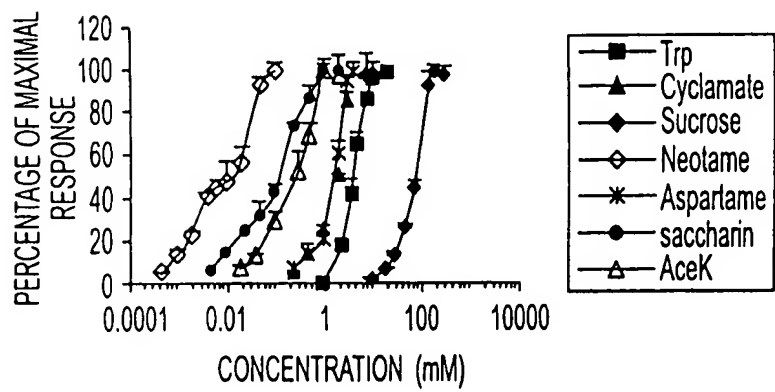


FIG. 6

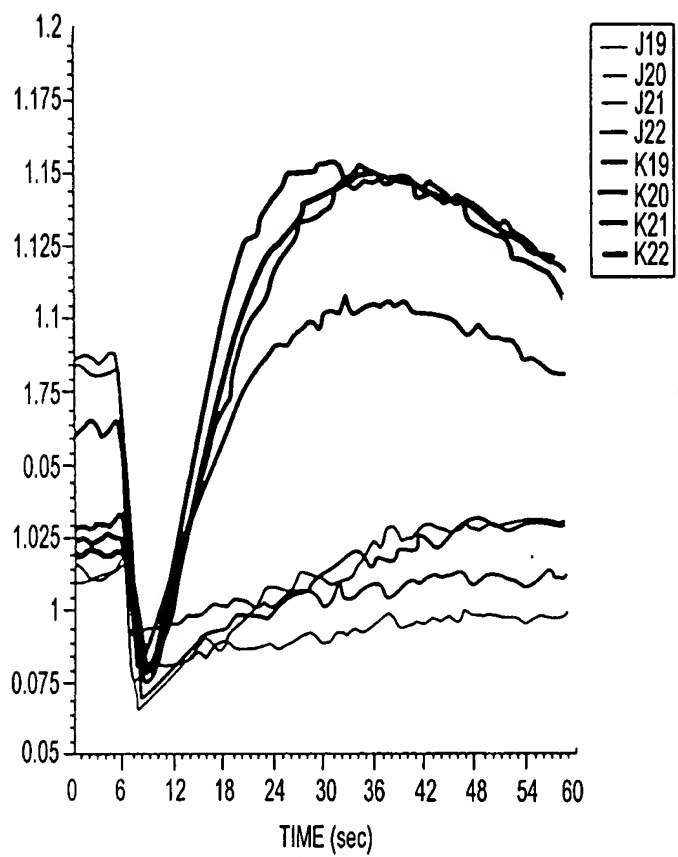


FIG. 5

REPLACEMENT SHEET

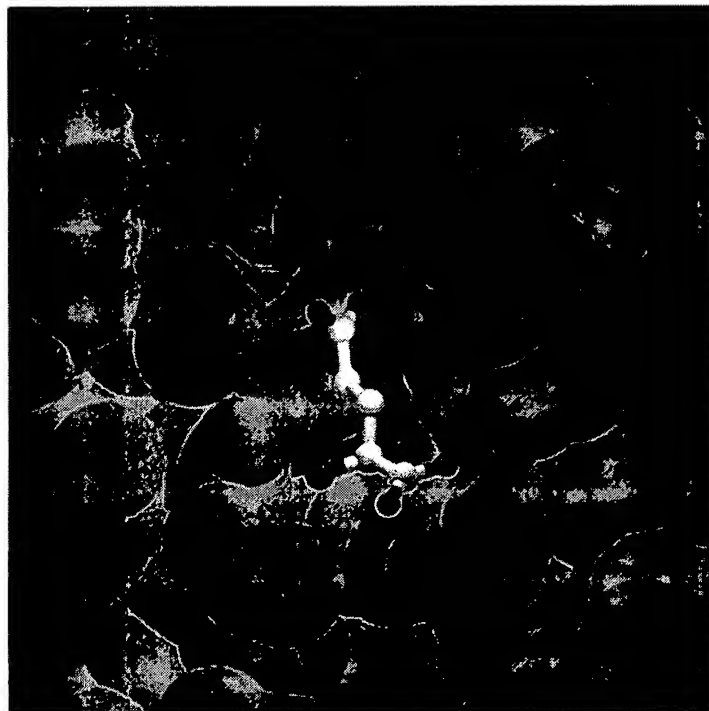
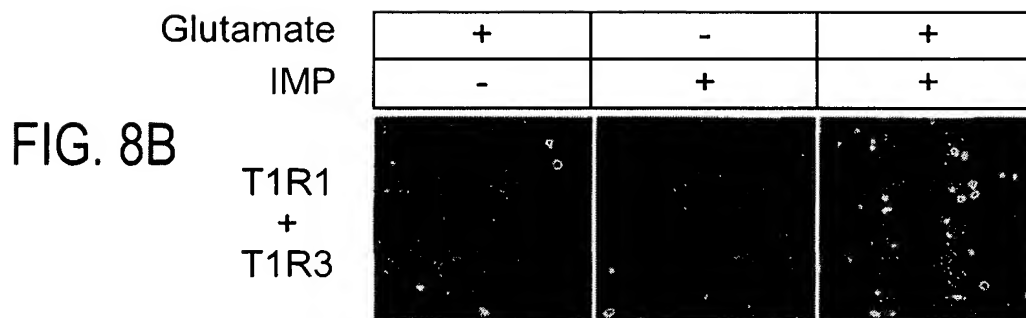
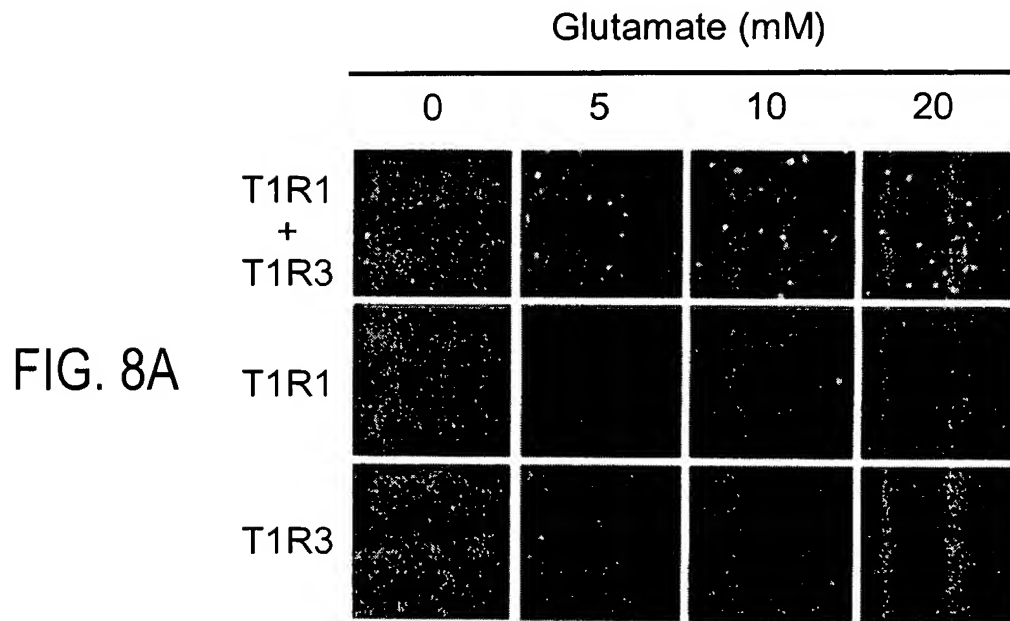


FIG. 7

# REPLACEMENT SHEET





# REPLACEMENT SHEET

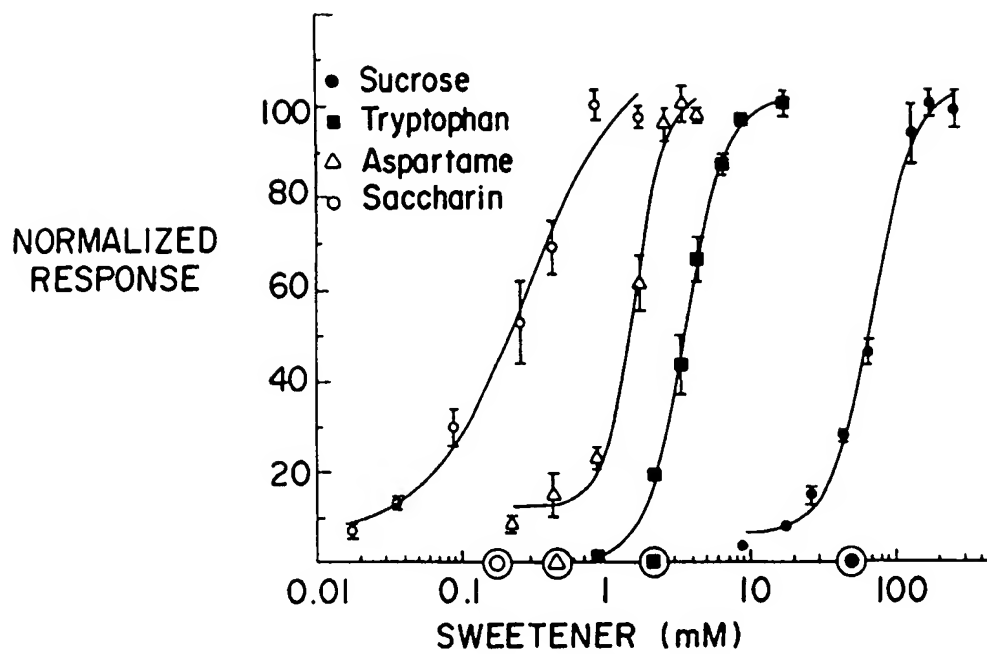


FIG. 3C

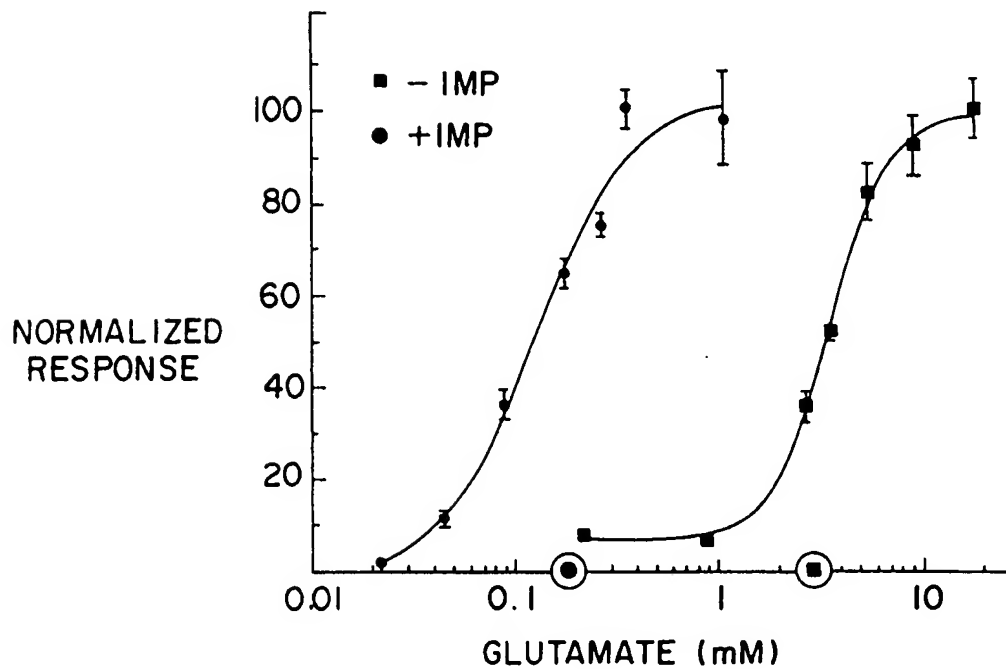
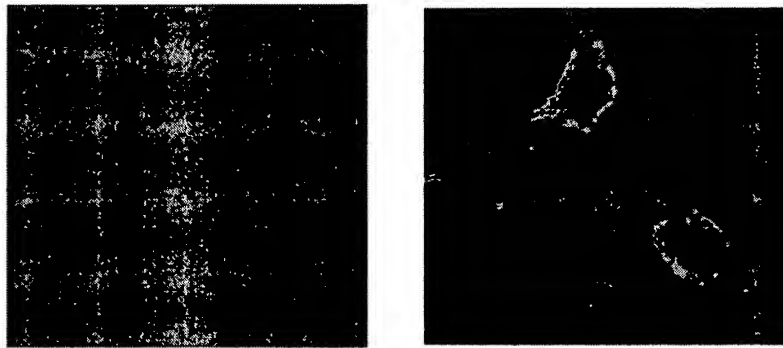


FIG. 8C

REPLACEMENT SHEET



**H2-IT-Myc**

**H2-PDZIP-IT-Myc**

FIG. 9A

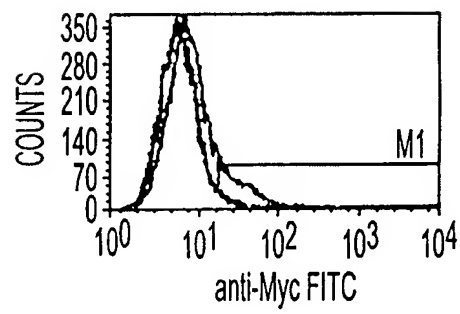


FIG. 9B

REPLACEMENT SHEET

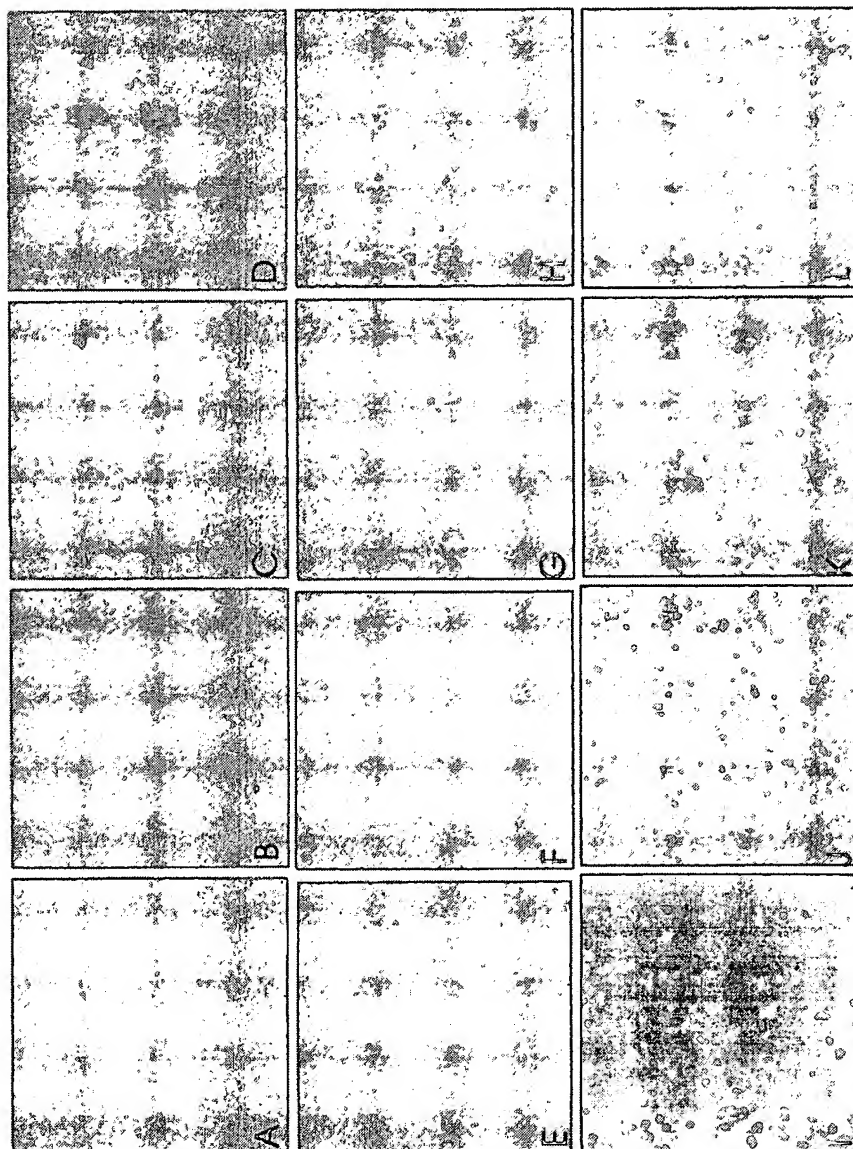


FIG. 10

# REPLACEMENT SHEET

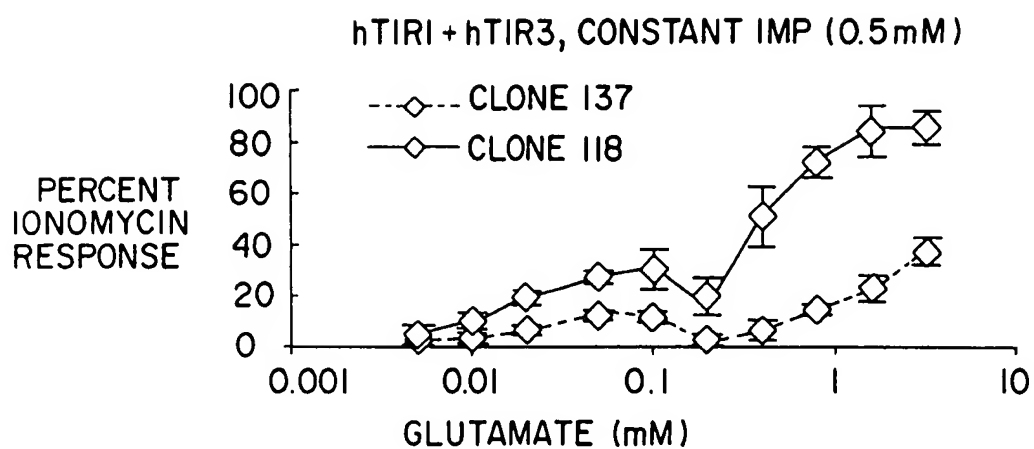


FIG. 11

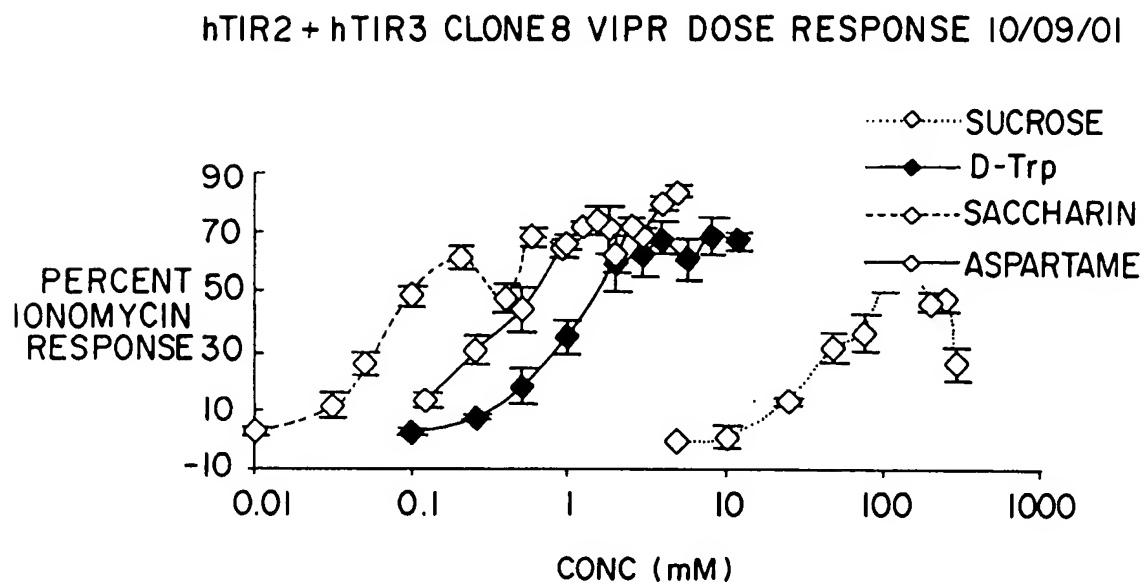


FIG. 12

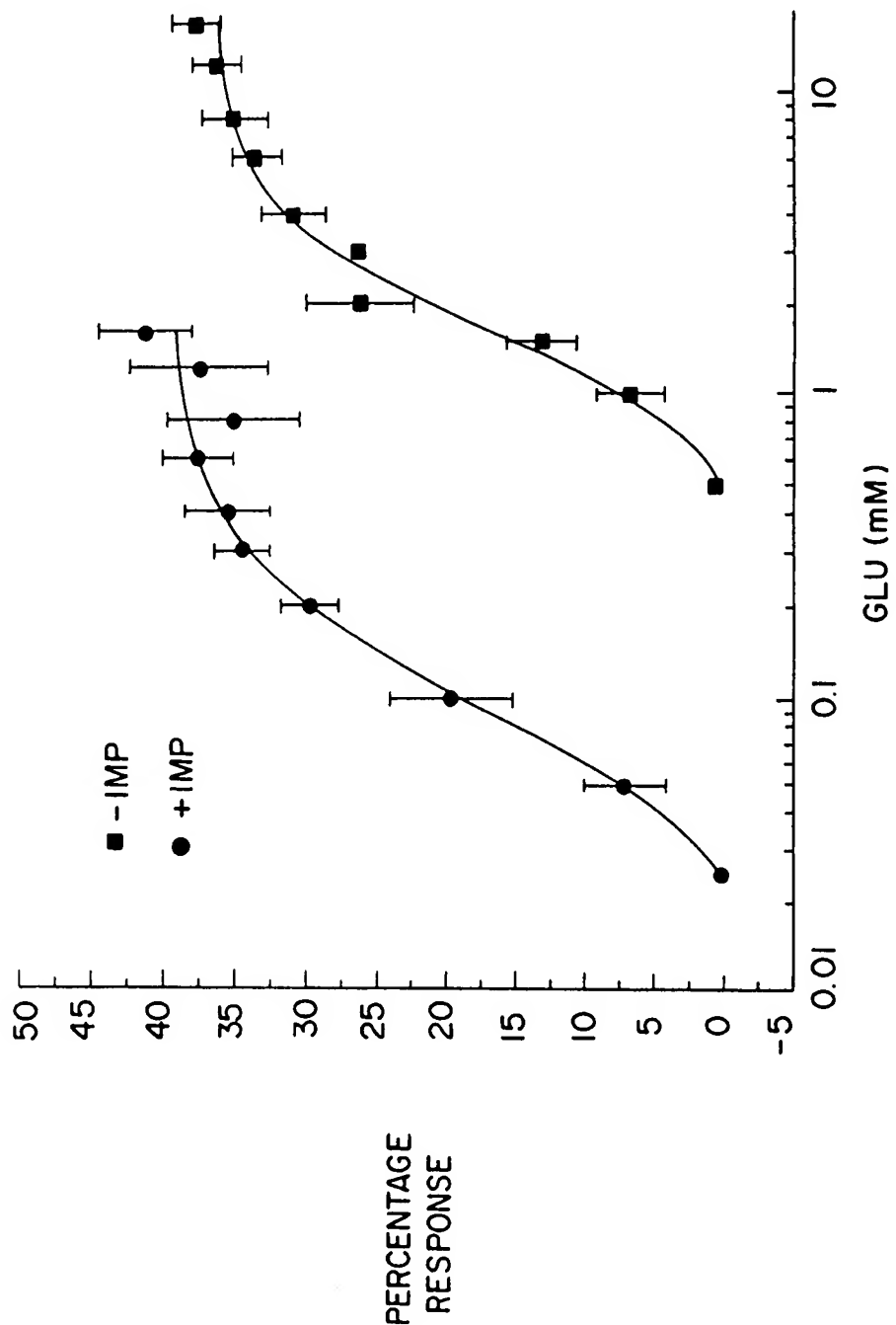


FIG. 13

# REPLACEMENT SHEET

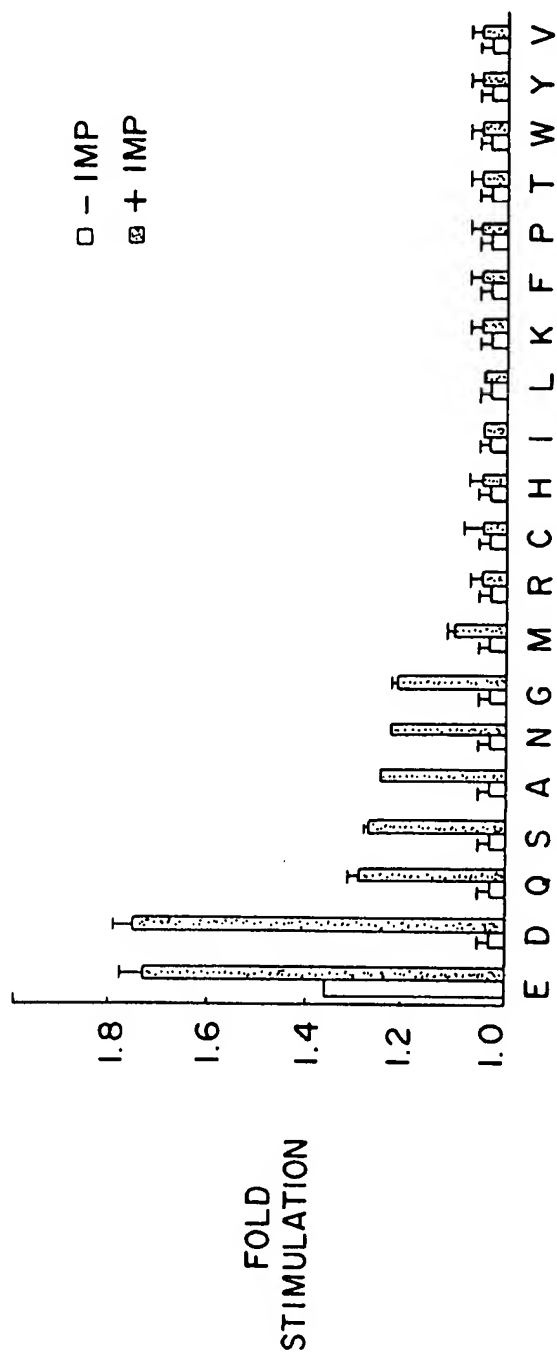


FIG. 14

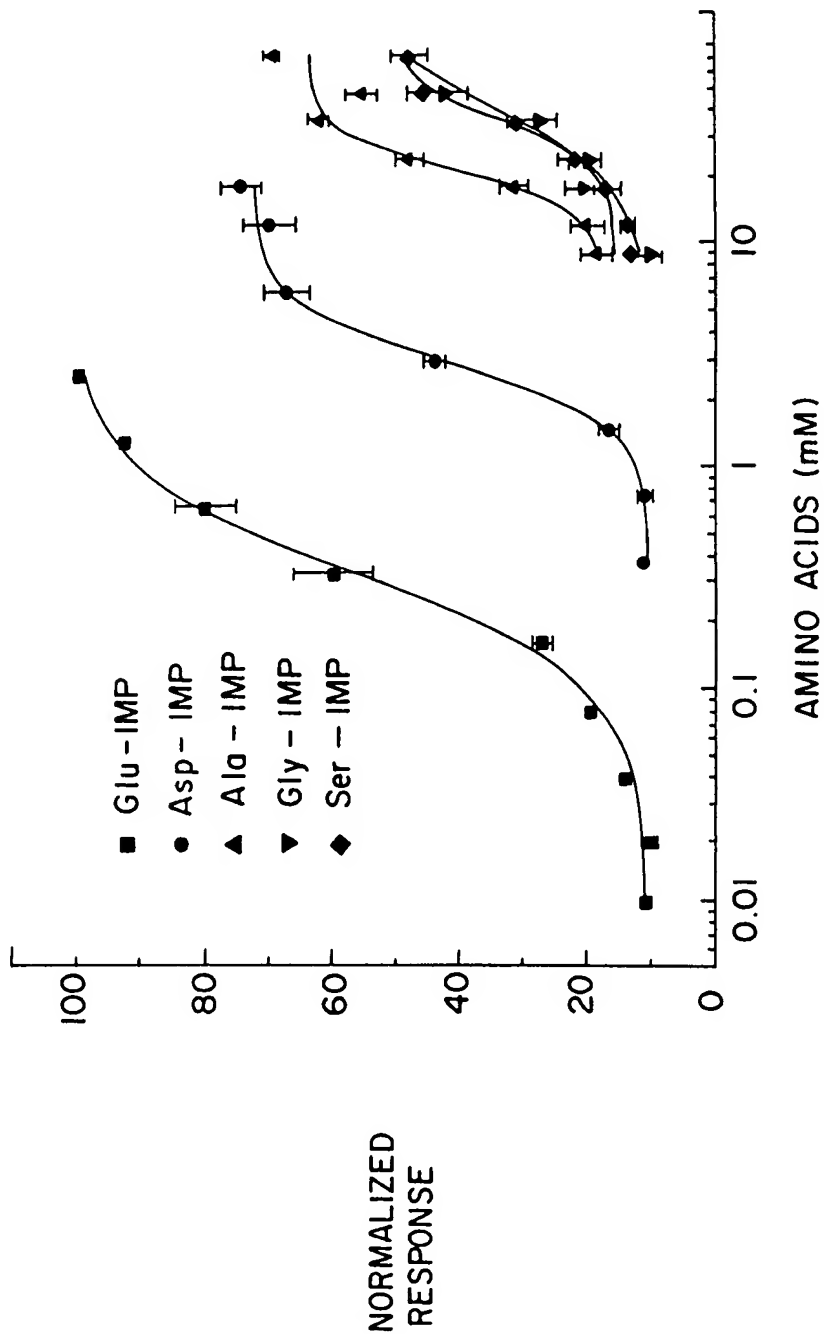


FIG. 15

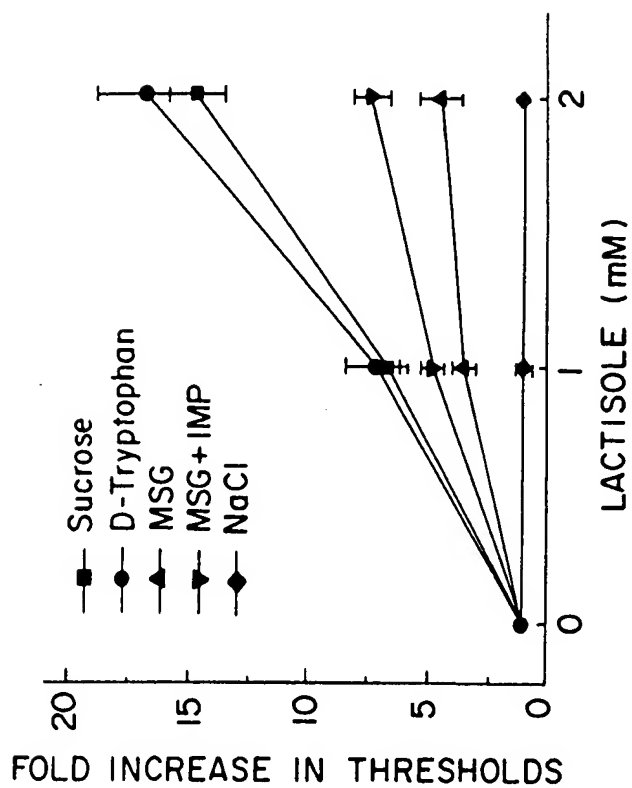


FIG. 16B

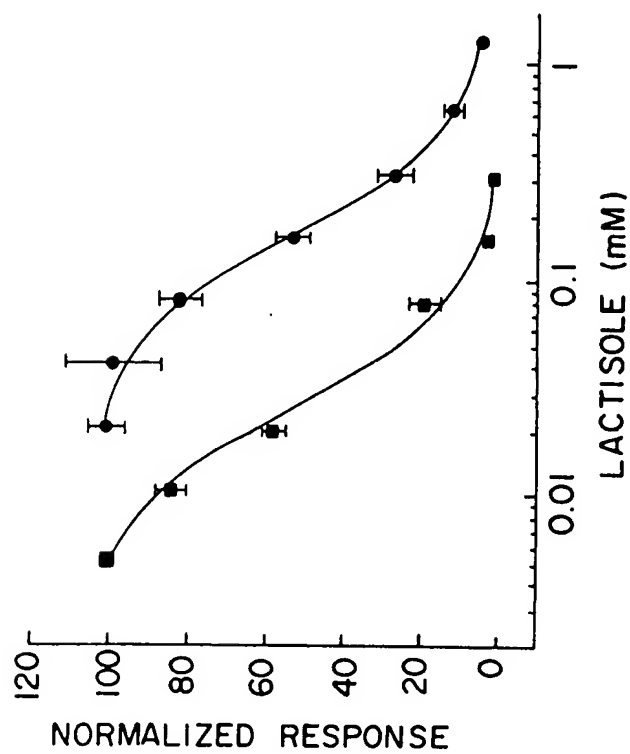


FIG. 16A